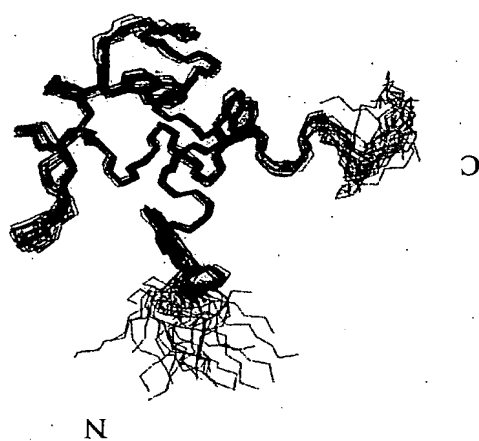
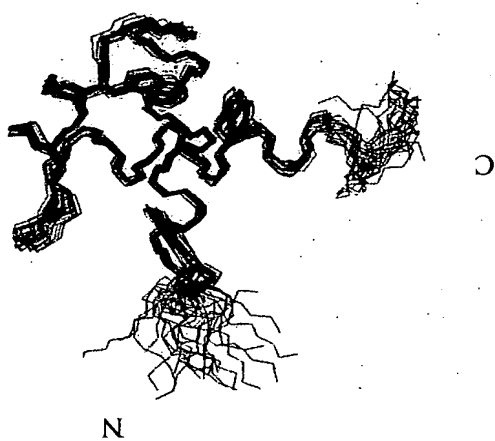


Fig. 1(a)

<i>hTRF1</i>	(378)	RKQAWLWEEDKNLRSQWRRKYG-----EGNNWSKLTLHYKFNNRTSVMTKDRWRRTMKKL---
<i>hTRF2</i>	(445)	TKKQKMTVEESEMWKAGWKOKYG-----EGNNWAAATSKNYPFVNRTAVMTKDRWRRTMKRL---
<i>spTaz1</i>	(556)	RTRRKMVTDEEENETLYEMTSQHG-----CCWSKLTHIQK-(8)-FGPTQTKDKARLIKAR---
<i>spTBF1</i>	(407)	KAKRTWSKEEEEAIVEGLKEVG-----PSWSKLIDLYG---TQVQTKDKARNWKLIQ---
<i>RTBP</i>	(532)	RIRRPETVAEVELVEAEWEHLG-----TGRWRDWKFRAF-(6)-TYVDLTKDKWKTLVHT---
<i>scRap1p D1</i>	(360)	--KASFTDEDEFLLDVWRKNP---(5)---HTLYDELISHYVP--NHTGNSLRHREVRVYLSK---
<i>scRap1p D2</i>	(446)	--KRKESADEDYTLAIAWKKOF---(56)---ARELEKKEFAEEHA-AHTENAWRDRERKFLLAYG-
<i>hKap1</i>	(132)	-GRIATTDADDVALTLTYWKENA---(8)---NALWKAWEKSSLT-QHSWOSTKDRWLLKHLRG---
<i>spRap1</i>	(132)	-KRELFTLEDEKILIDHWKND---(5)---TKVVEELTARKYP--QHSLESWRQHWKYMKKR---
<i>c-Myb R1</i>	(38)	LGKTRMTREDEKELKKIWEONG-----TDDMKVLIANYLP--NRTDVQGOHRWOKVLNP---
<i>c-Myb R2</i>	(90)	LIKGPMTKEEDORWIEIWKYG-----PKRWSVLAHLK--GRIGKQGREWHNNHLP---
<i>c-Myb R3</i>	(142)	VKKTSTTEEDRILYQAEKRLG-----NRWAEELAKLLP--GRTDNATKNHWNSTMR---

Fig. 1 (b)

Fig. 2 (a)



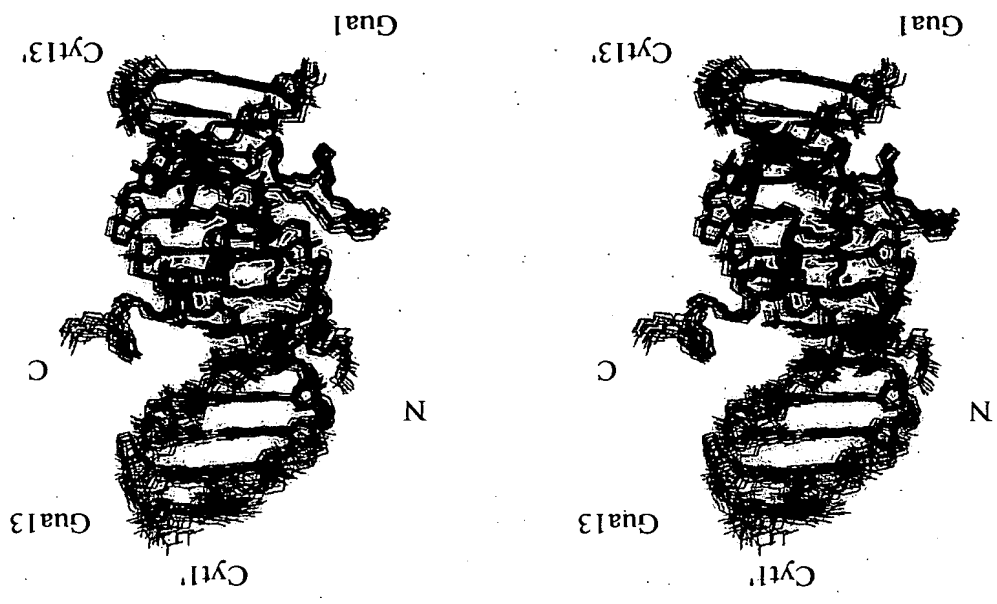
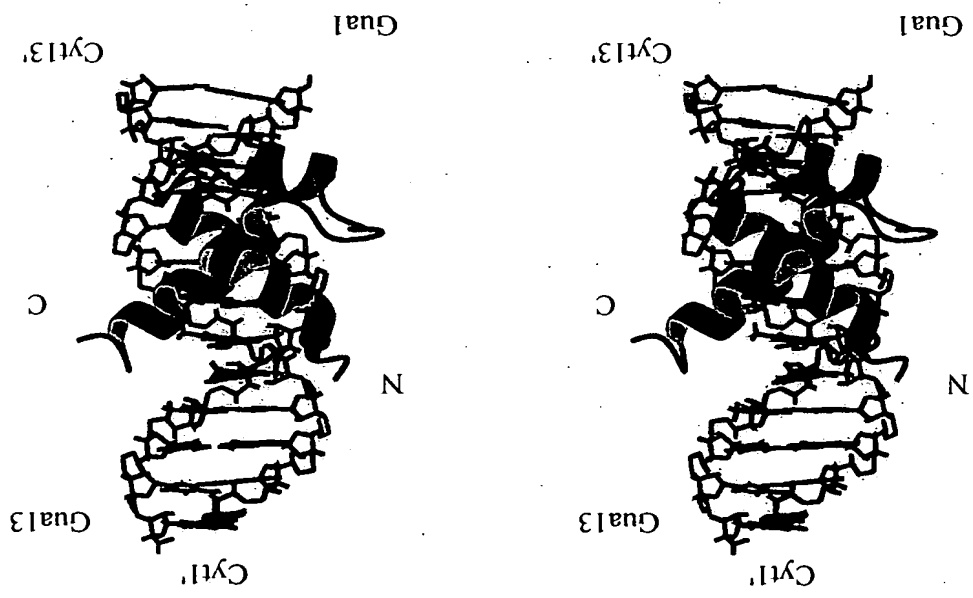
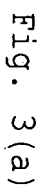


Fig. 2 (b)

## hTRF2-DNA Complex



hTRF1-DNA Complex



hTRF2-DNA Complex

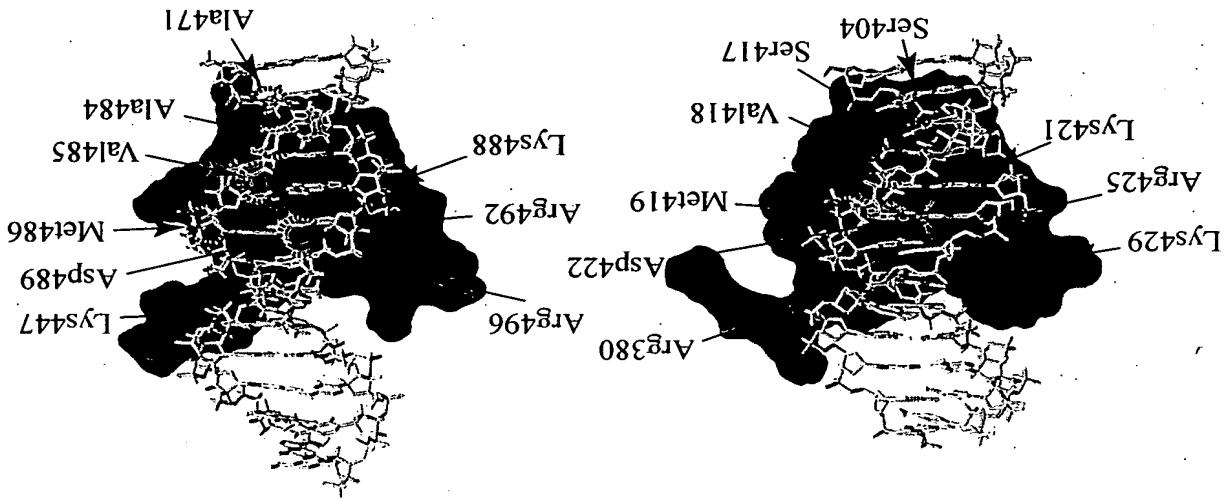
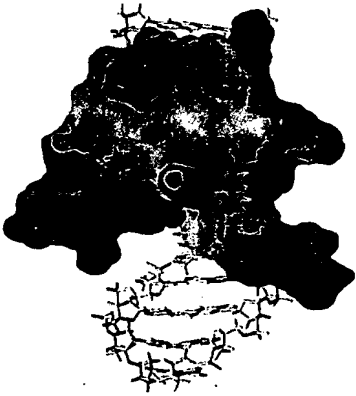


Fig. 3 (b)

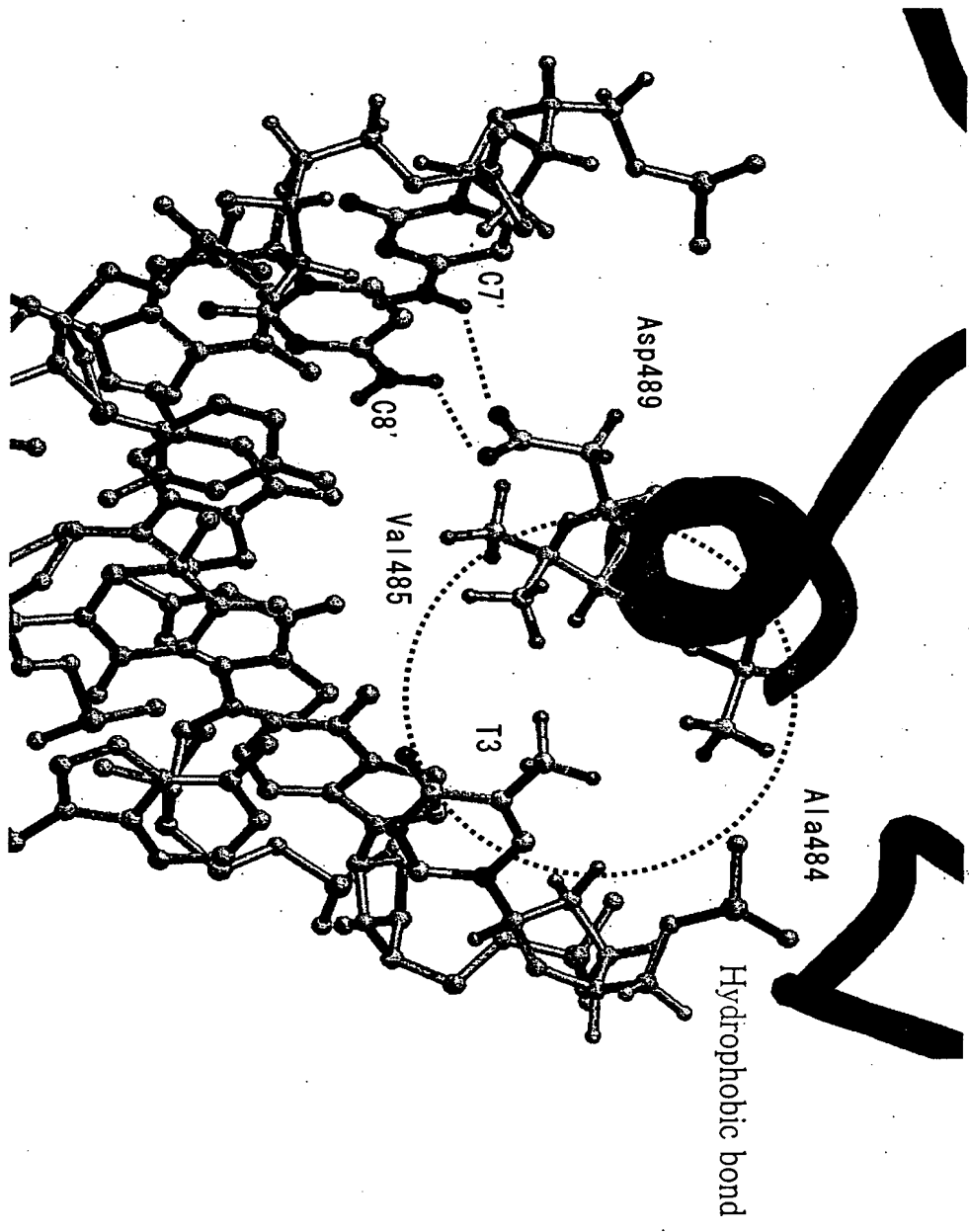
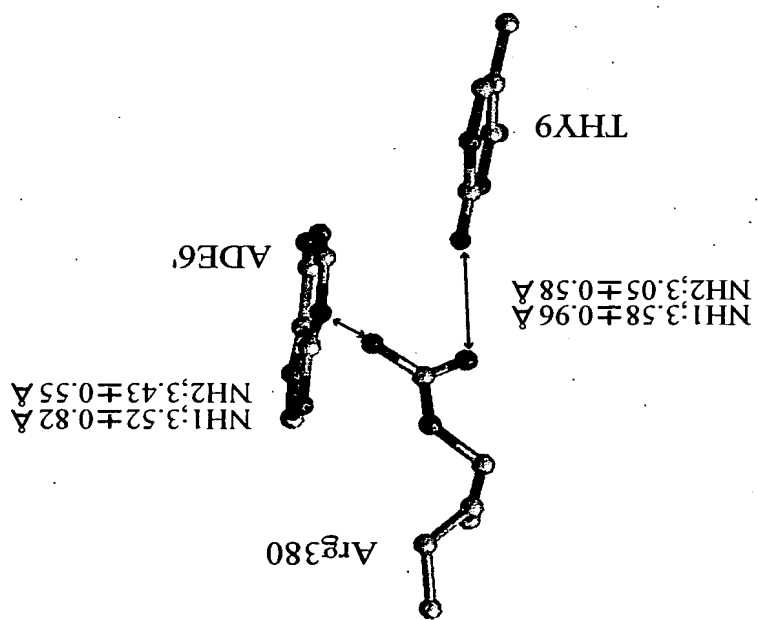


Fig. 4

hTRF1



hTRF2

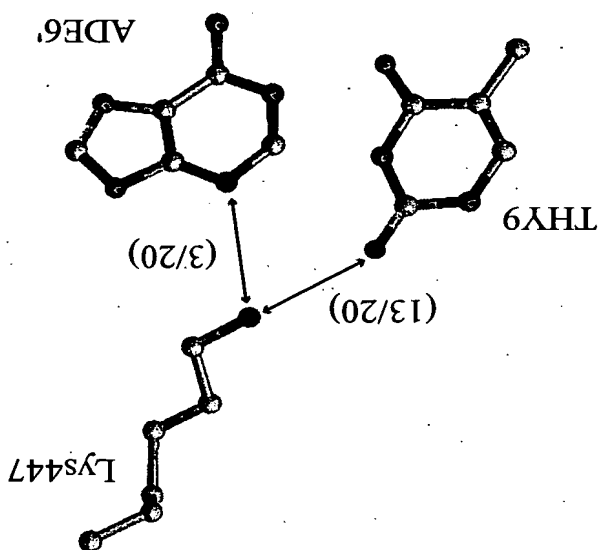
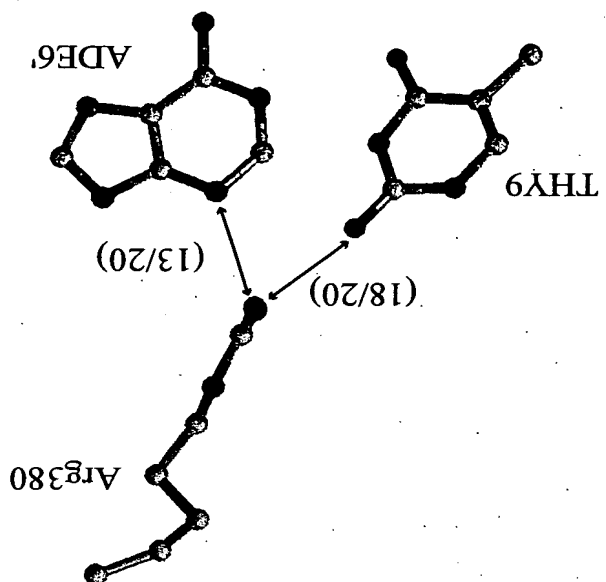
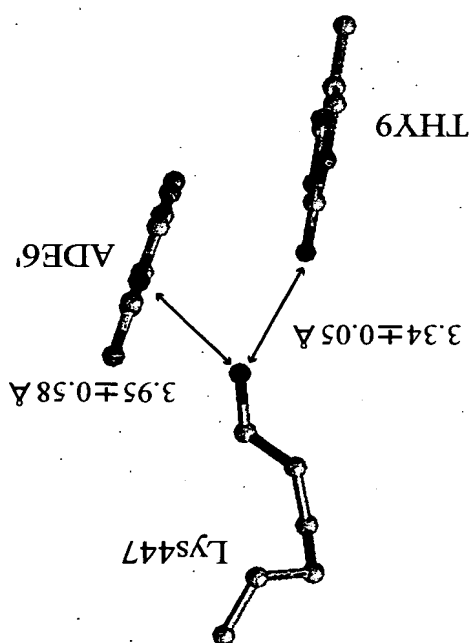
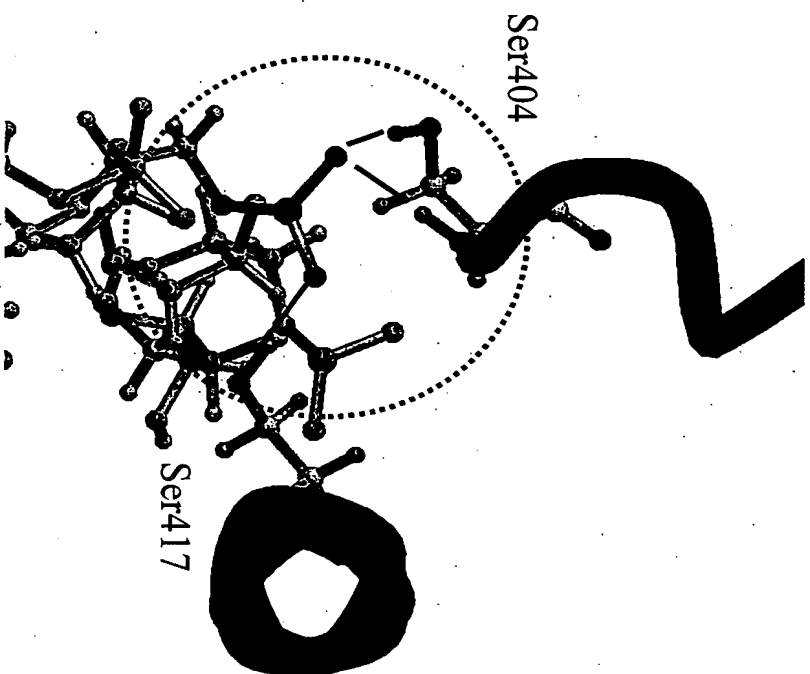


Fig. 5 (a)



hTRF1



hTRF2

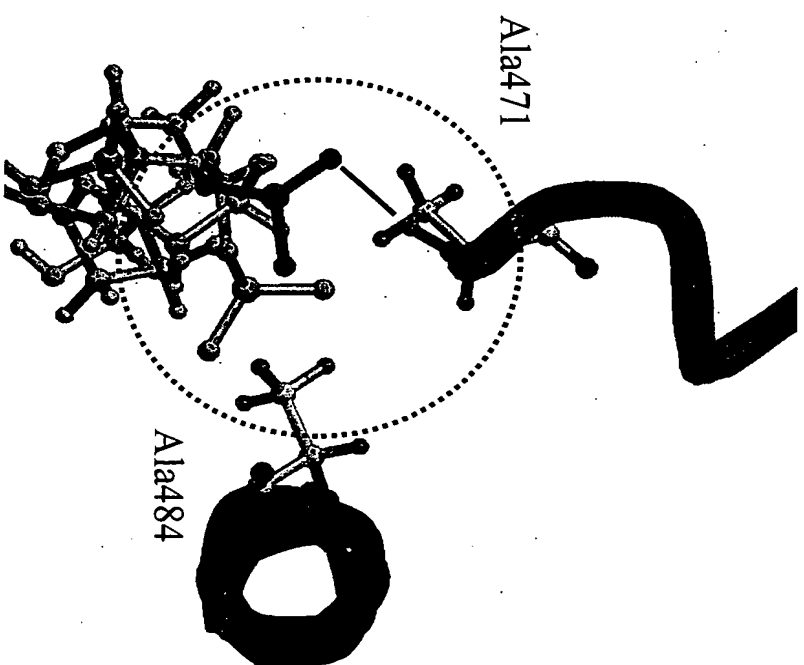


Fig. 5(b)

hTRF2 wild type

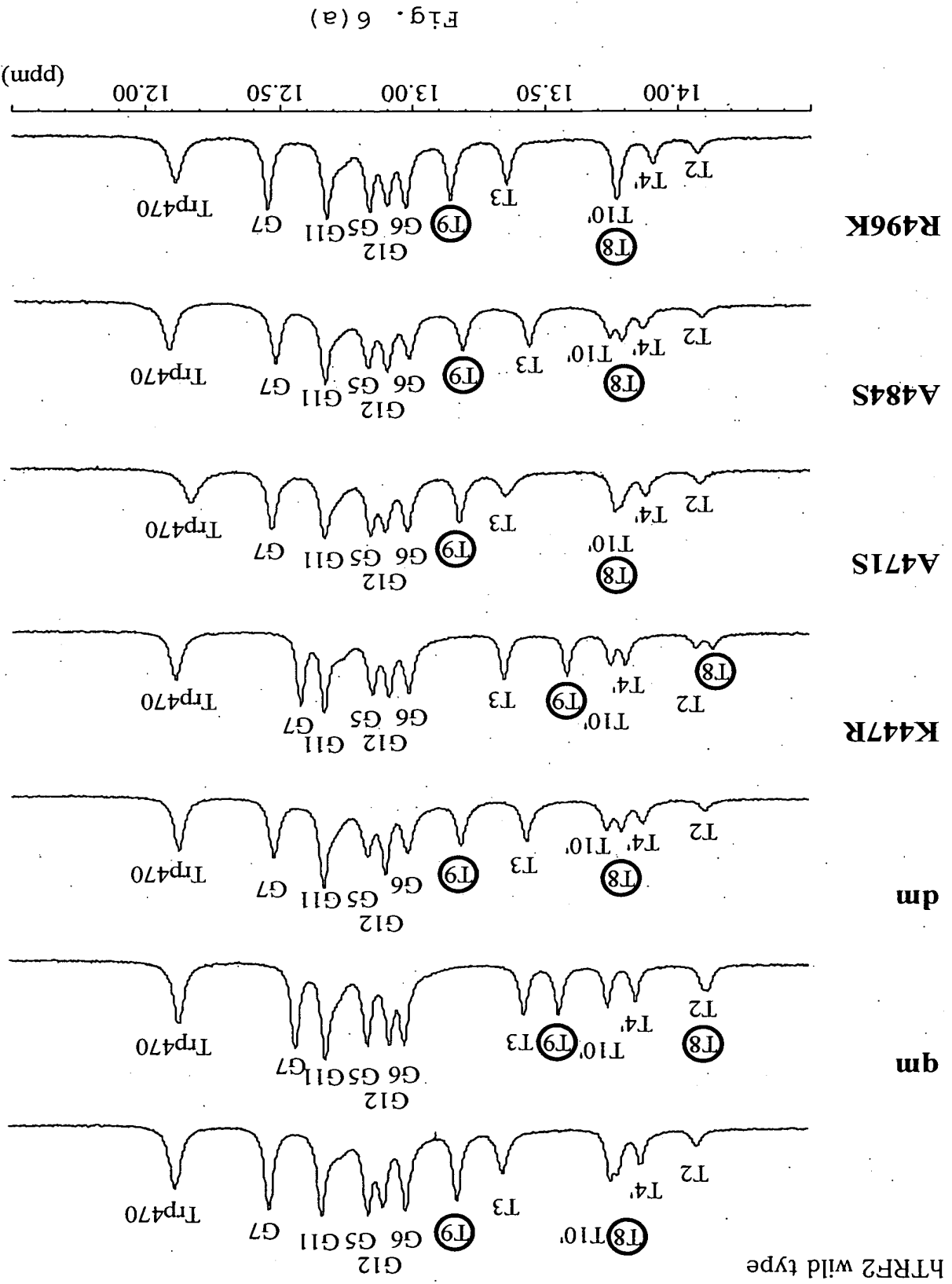
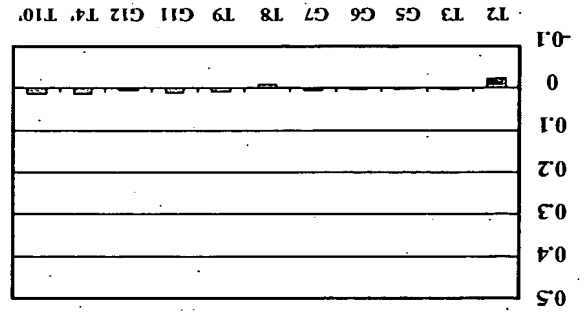
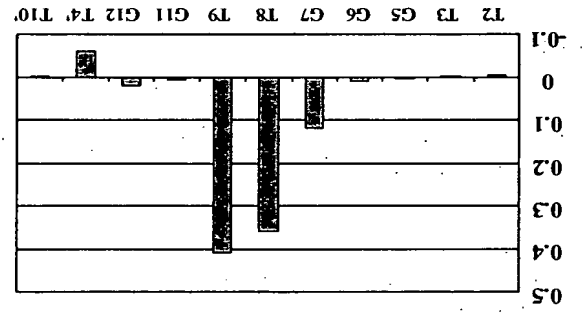


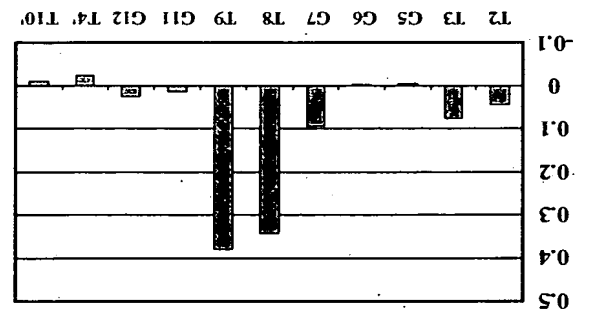
Fig. 6 (a)



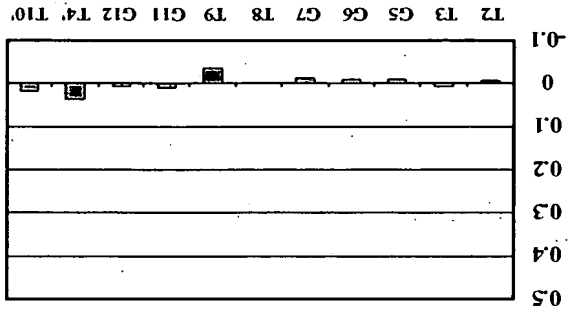
A471S



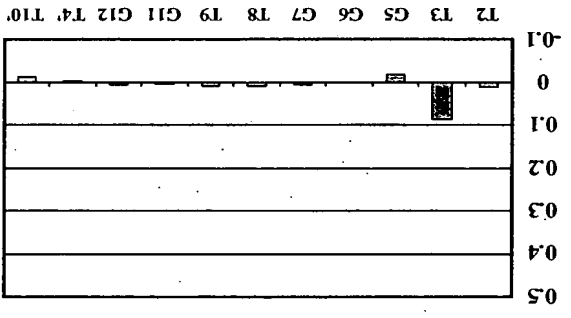
K447R



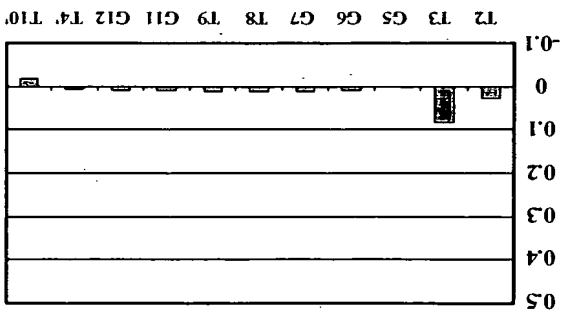
qm:K447R,A471S,A484S,R496K



R496K



A484S



dm:A471S,A484S

Fig. 6 (b)

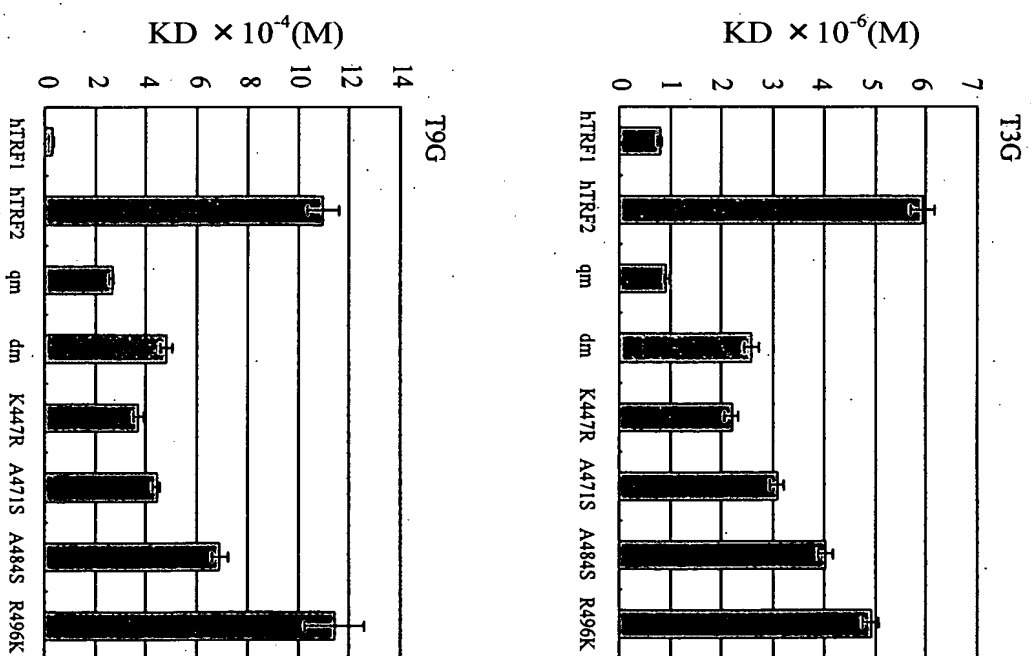
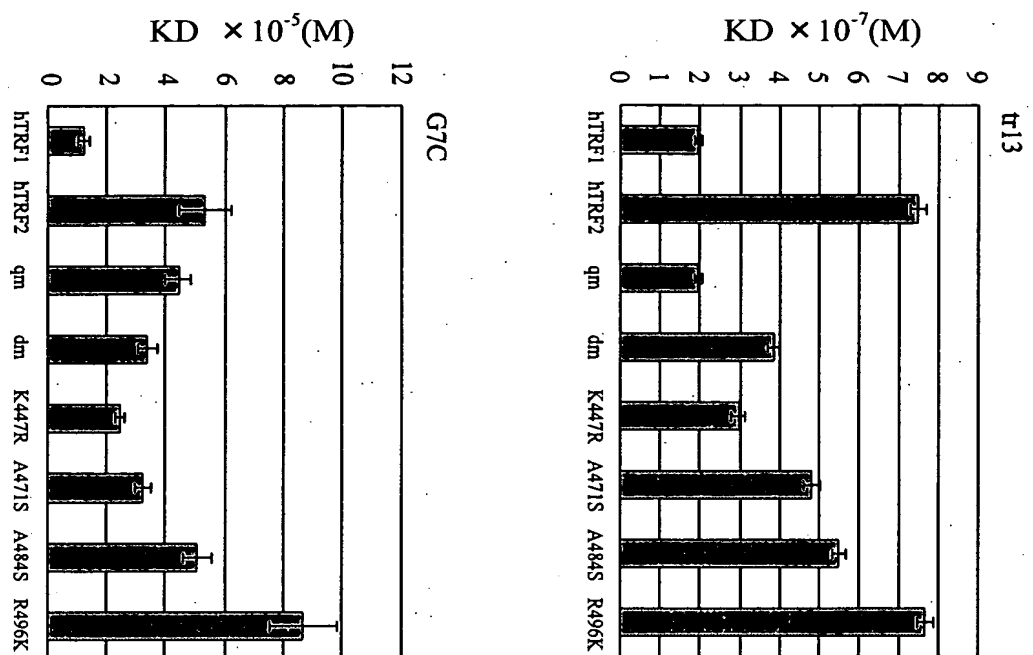


Fig. 7

EKRPATFSSSEQIARLKRENNEN---RYLTERRRQQLSSLG-----LNEAQIKIWFQNRRAKIKKS  
 QRSSTFTSASQIDELERAFERT---QYPDITYREELAQNTN-----LTERAIQIWFQNRRAKIKKQHTSVS  
 VRRYTAFTTRDQIGRIKEEFTKE---NYVSAPRRCELAQIN-----LPESTIKIWFQNRRAKDKRQR  
 RKRGSQNTYTRYQTLEKEEFHN---RYLTRRRRIETAAHLS-----LTERQIKIWFQNRRAKWKKENKTGCEPG  
 SKRTQNTYTRYQTLEKEEFHN---RYLTRRRRIETAAHLS-----LTERQIKIWFQNRRAKWKCKDRTLDSSPEH  
 KKRQVLTAKQTYELEERERFQO---RYSAPERETLASLIR-----LTPQVKIWFQNRHRYKTKRAQNEKGYEGHP  
 GRNRFKMGSPASQOILFQAYERQ---KNPSKEERETLVEECNRAECIQRGVSPSQAGIGSNILTEVRYVYWFANRRKEEAFRHKLAMDYKLN  
 RRRKRVLSQAOVYELERERFQO---KYLAPEREHLASMIH-----LTPQVKIWFQNRHRYKMKRQAKDKAAQO  
 KRRRTTTSIAAKDALEHHEGEH---SKPSSQEIIMRWAEELN-----LEKEVRIWFQNRROREKRVK  
 NRRKETPTTAQILAEERKFEROK---QYLSIAERAEFSSSLs-----LLETQVKIWFQNRRAKAKRL  
 SPKGSSTSPQARAFLEEVERRK---QSLNSKEKEVPAKCG-----LTPQVKIWFQNRKMRBSK  
 KPYRGHRTKENVRILSWFAKNINPYLDTGLENEMKNTS-----LSRIQIKIWFQNSNRBRKEKITITIAPELADLSEP  
 TTRVETVINEKQHLTRCTQYAN---PRPDALMKEQLMENTG-----LSPVIRIWFQNRCKDKKRSIMMK  
 RRRKQTSLETNIRVALEKSEFLN---QKPTSEEITMTADQIN-----MEKEVIRIWFQNRROREKRIINP  
 RRRKQTSLETNIRVALEKSEFLN---QKPTSEEITMTADQIN-----MEKEVIRIWFQNRROREKRIINPCS  
 RKRKQTSLENRVMSLETMLKC---PKPSIQQITHLANGG-----LEKDVIRIWFQNRROREKRRSS  
 PSGLSTNETTRQITELKEEFHN---KYLSPARVEIIPALE-----LNEQVKIWFQNRRAKQKKRERE  
 ARRGGRNENKQATEILNVEYSHLSNPYPSEAKELAKCG-----LITSQVSWFQNGKRIRIKYKNIGKFOEEANIYAA

Engrailed homeodomain  
 Paired homeodomain  
 Eve HD  
 Antp HD  
 Fushi tarazu homeodomain  
 VND-NK2  
 LFB1/HFN1 factor  
 Thyroid transcription factor  
 Pit-1  
 MSX-1  
 MATA1  
 MAT α2  
 Ins  
 OCT-1  
 OCT-2  
 OCT-4  
 HOX-B1  
 pbx-1



Fig. 8